

1 / 16

Expression of Nogo isoforms in vascular cells

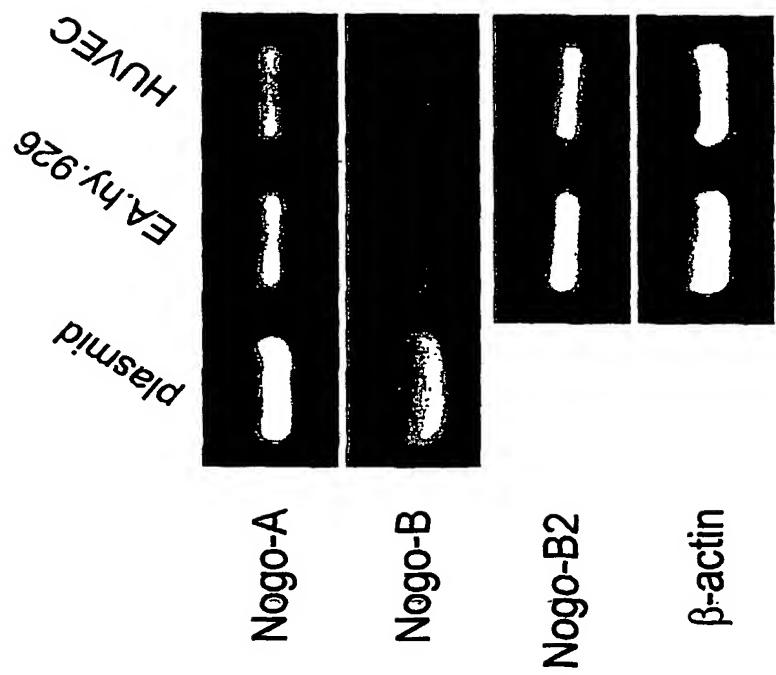


Figure 1

2/16

Expression of Nogo isoforms in vascular cells

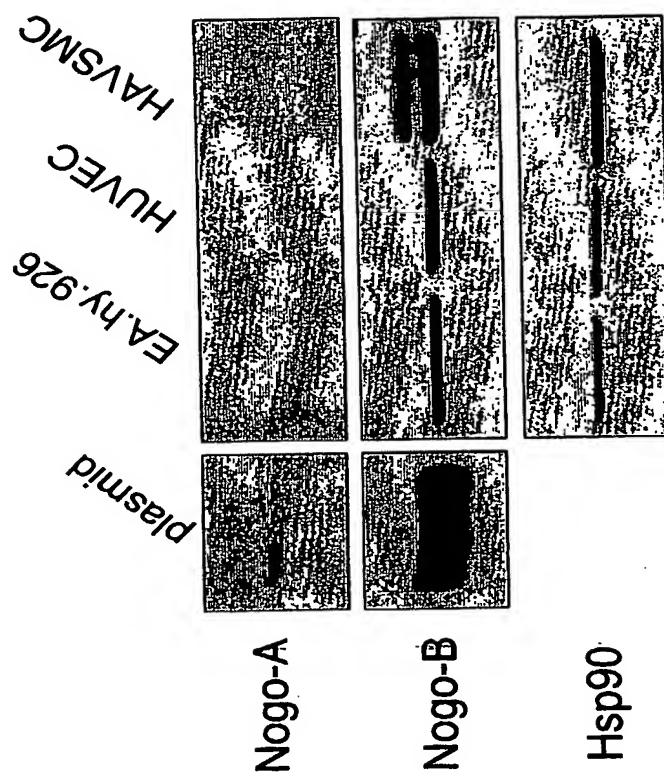


Figure 2

Am-Nogo-B enhances endothelial cell spreading

3/16

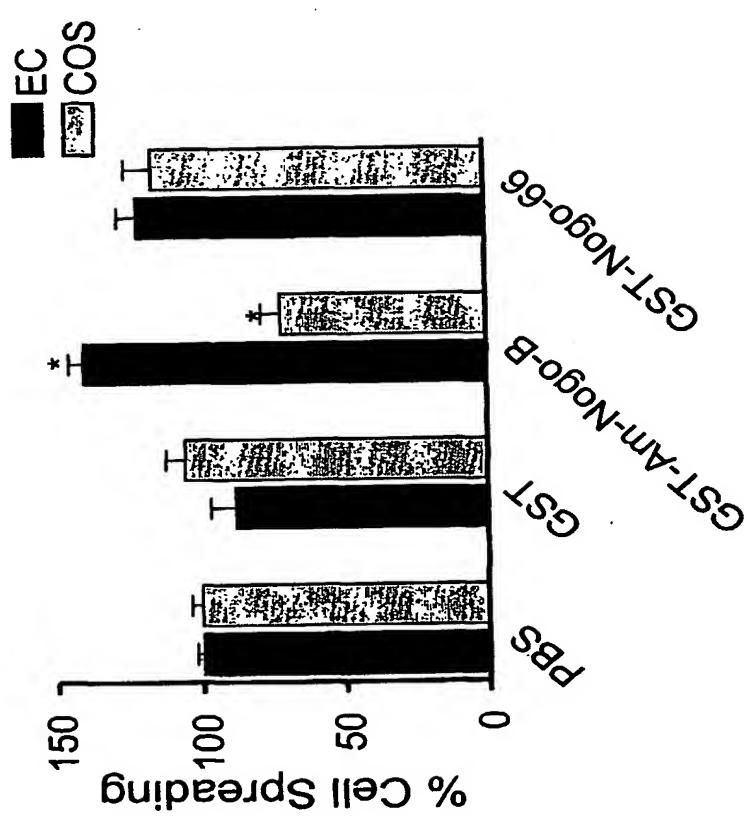


Figure 3

Am-Nogo-B enhances endothelial cell adhesion

4/16

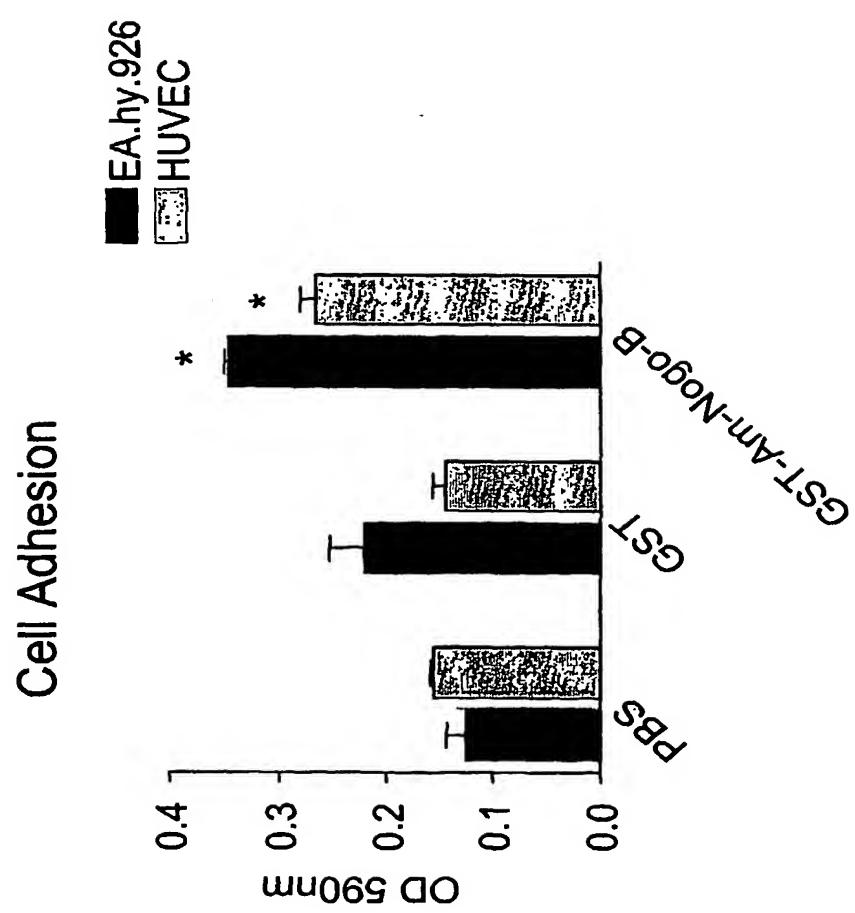


Figure 4

Am-Nogo-B enhances vascular cell adhesion

5/16

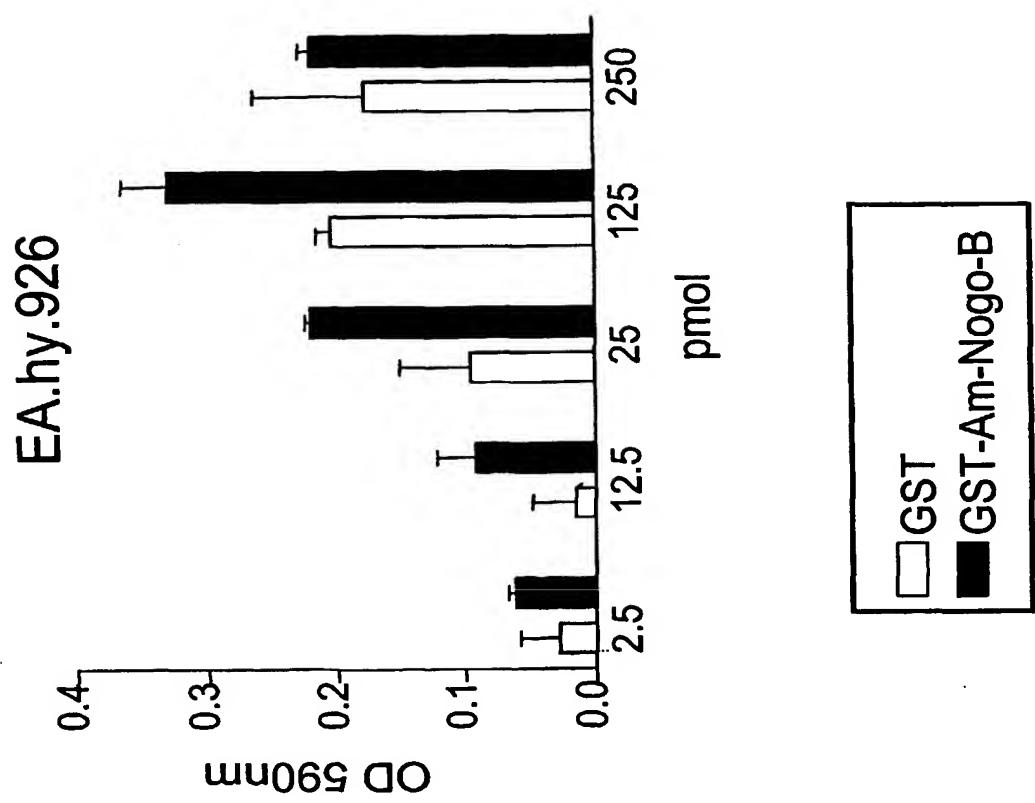


Figure 5

Am-Nogo-B enhances HUVEC migration

6/16

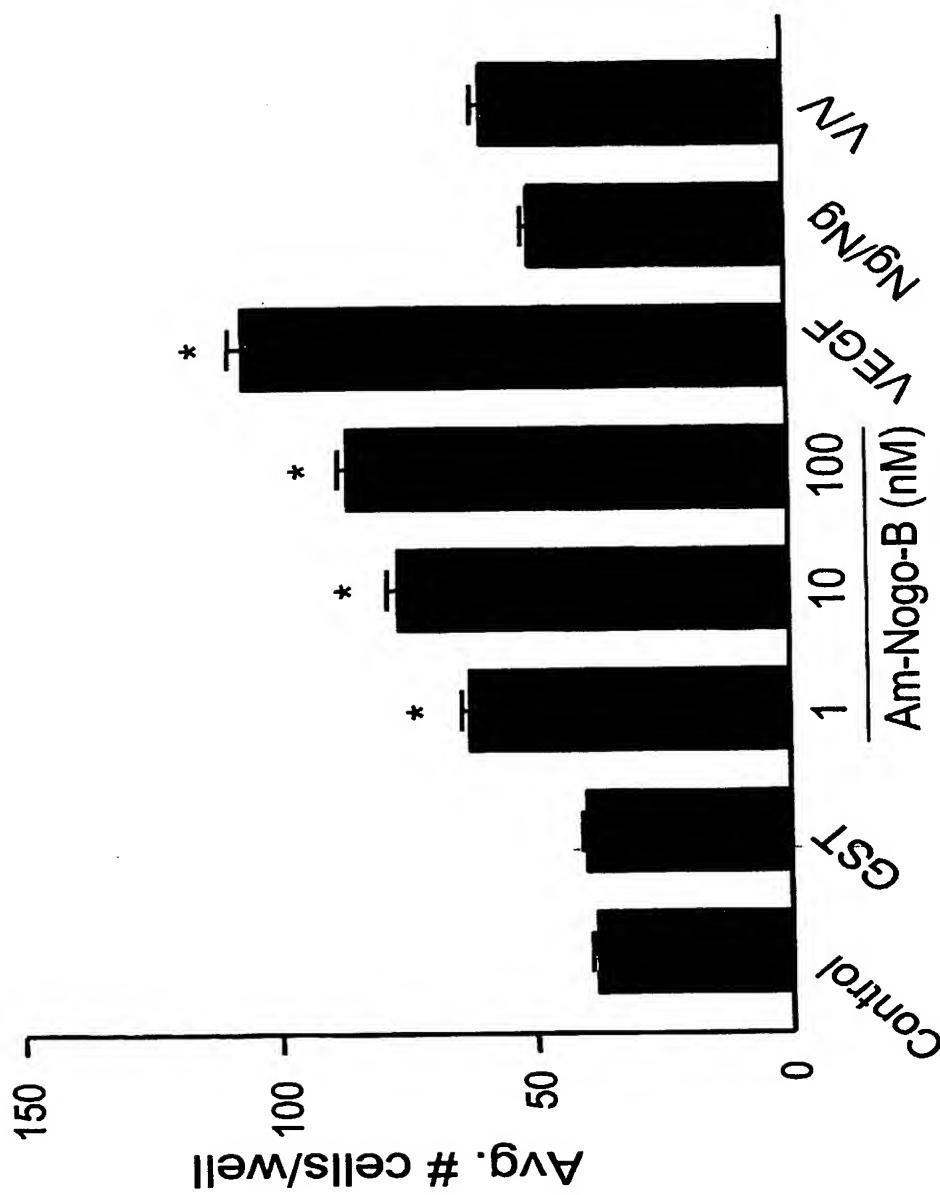


Figure 6

7/16

Expression of Nogo isoforms in blood vessels

RT-PCR

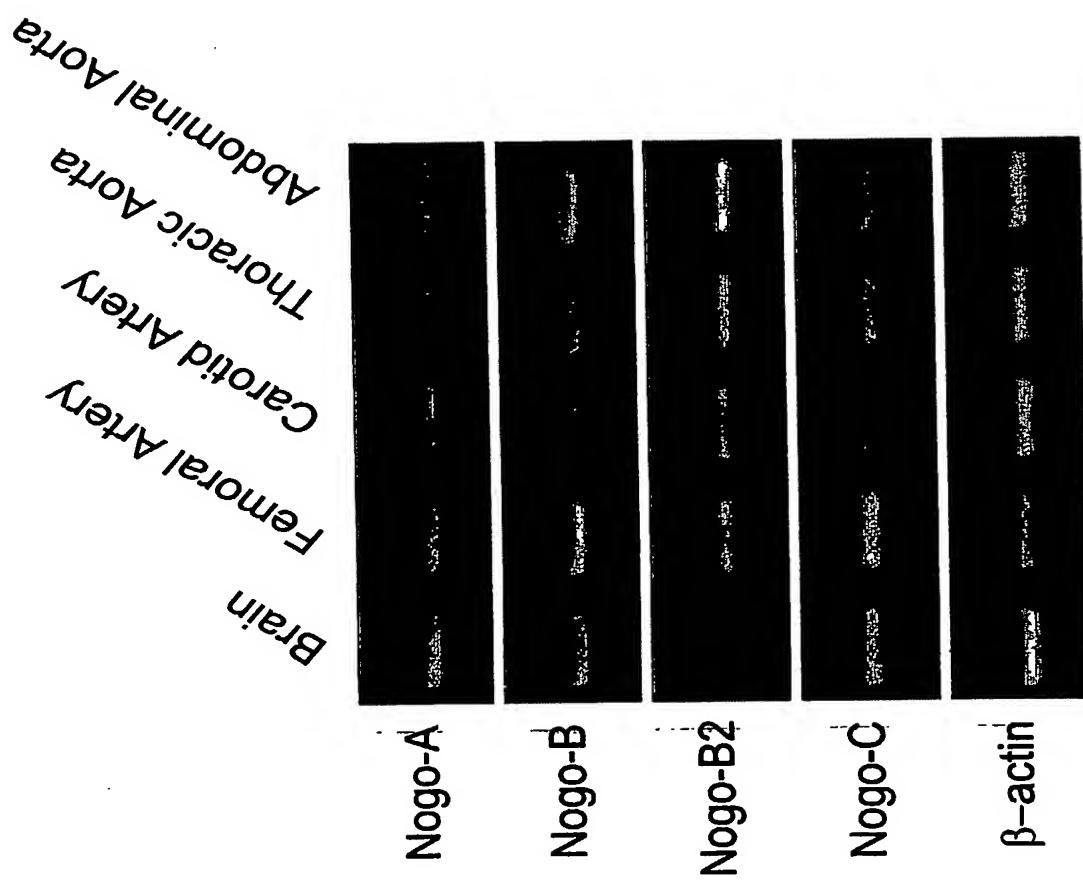


Figure 7

Expression of Nogo isoforms in blood vessels

Western Blot Analysis

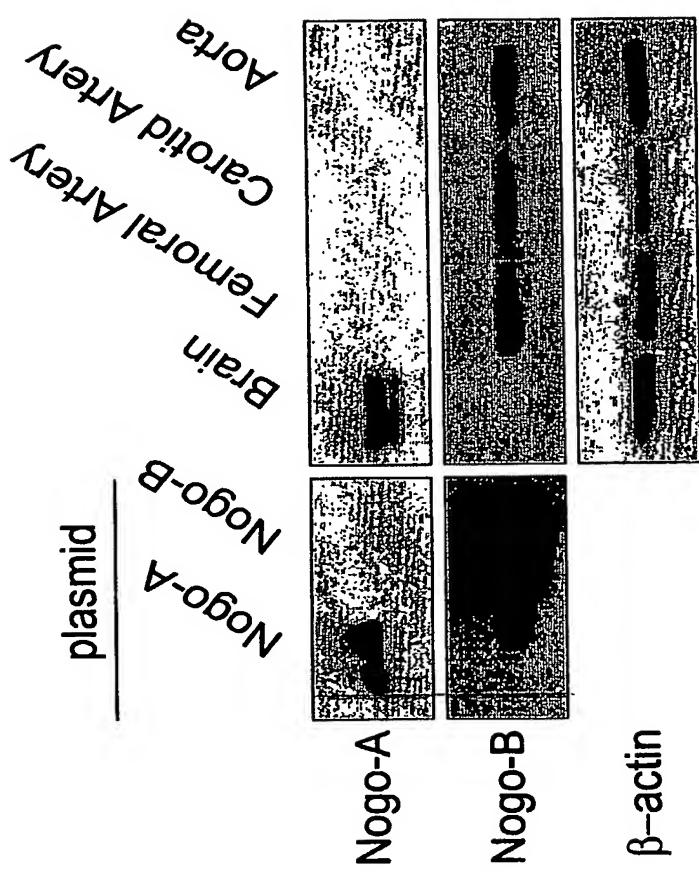


Figure 8

9/16

Expression of Nogo-A and Nogo-B protein in Nogo-A/B (-/-) mice

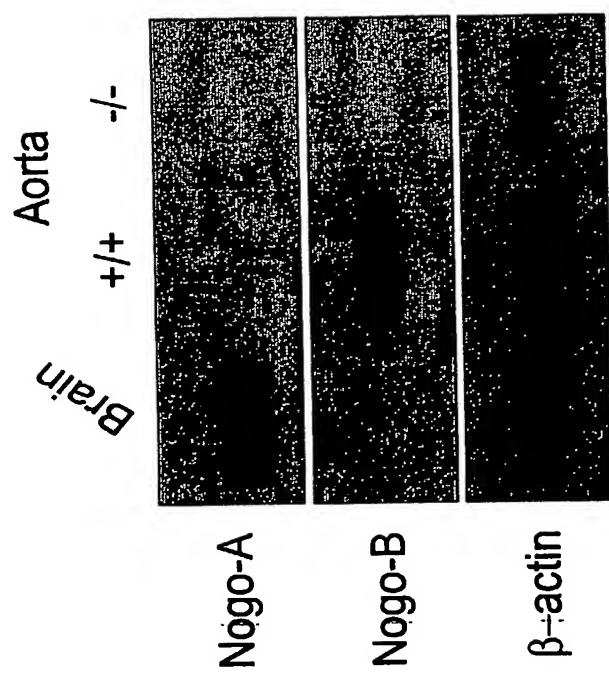


Figure 9

Nogo expression decreases after injury and by 21 days is almost completely gone from vessel wall

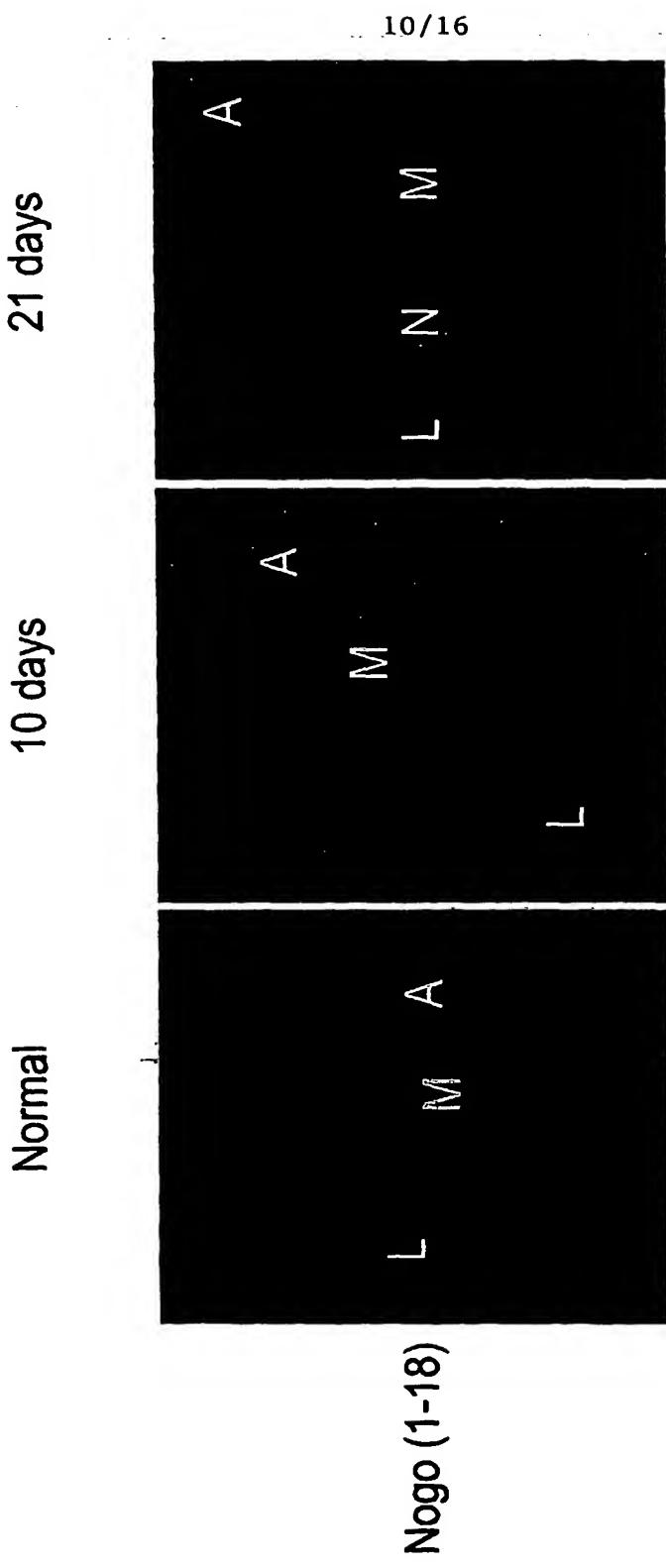


Figure 10

Loss of Nogo-B Promotes Pathological Inward Remodeling

11/16

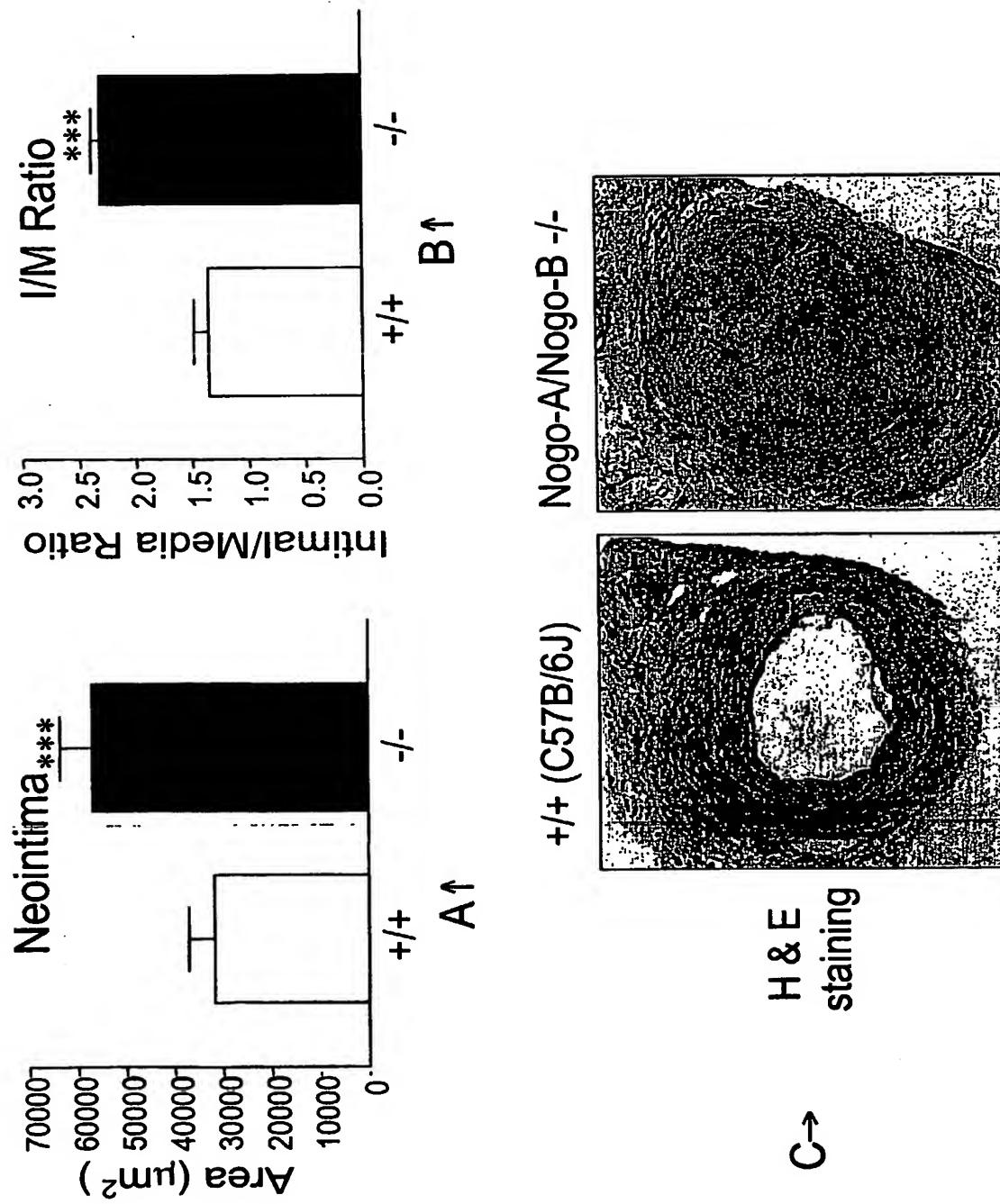
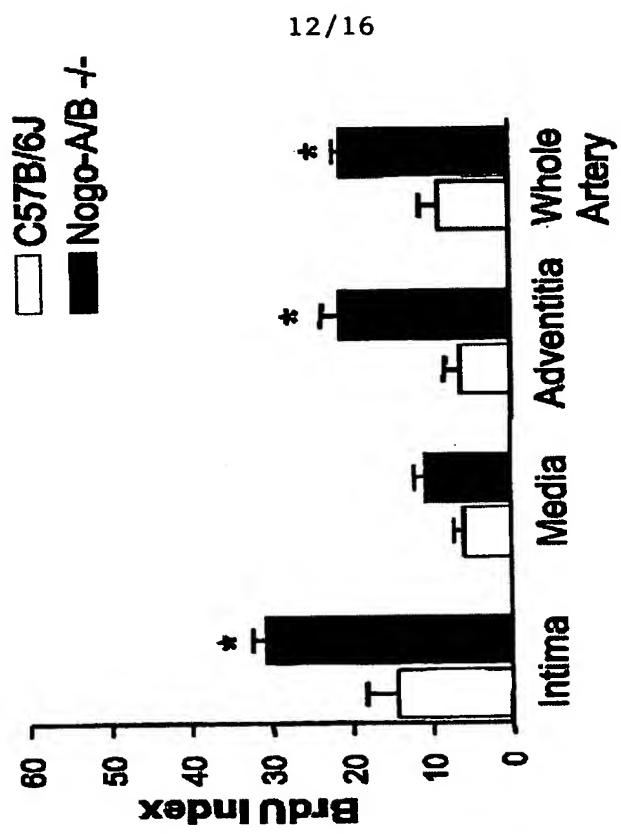
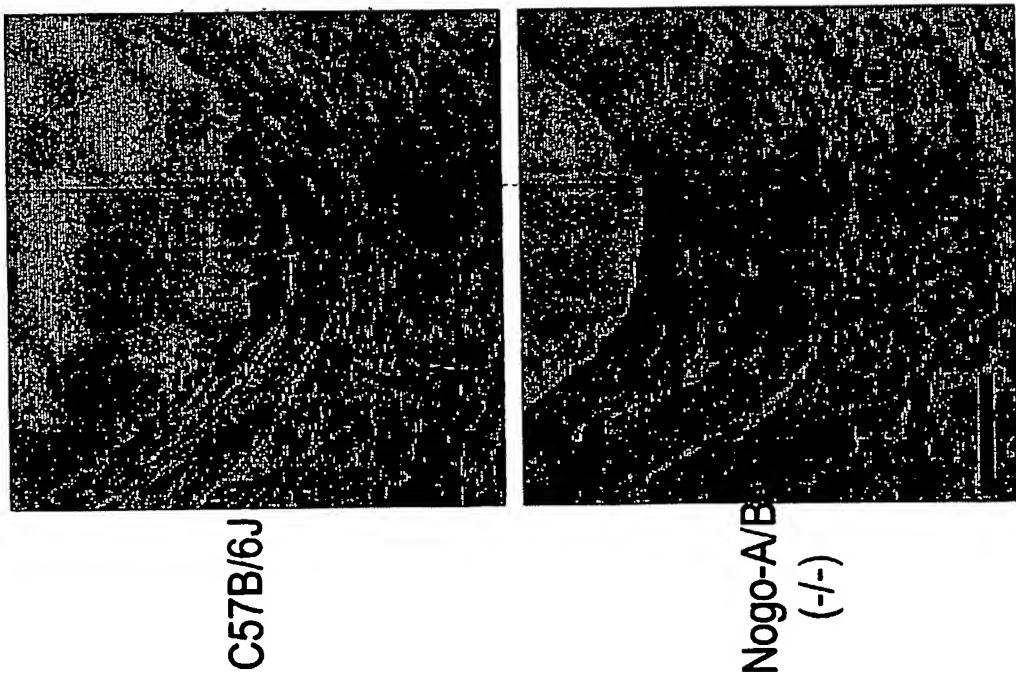


Figure 11

Nogo-A/B (-/-) mice show enhanced cellular proliferation two weeks after injury

**A****Figure 12****B**

13/16

Ad-Nogo-B decreases neointimal expansion in wild-type mice

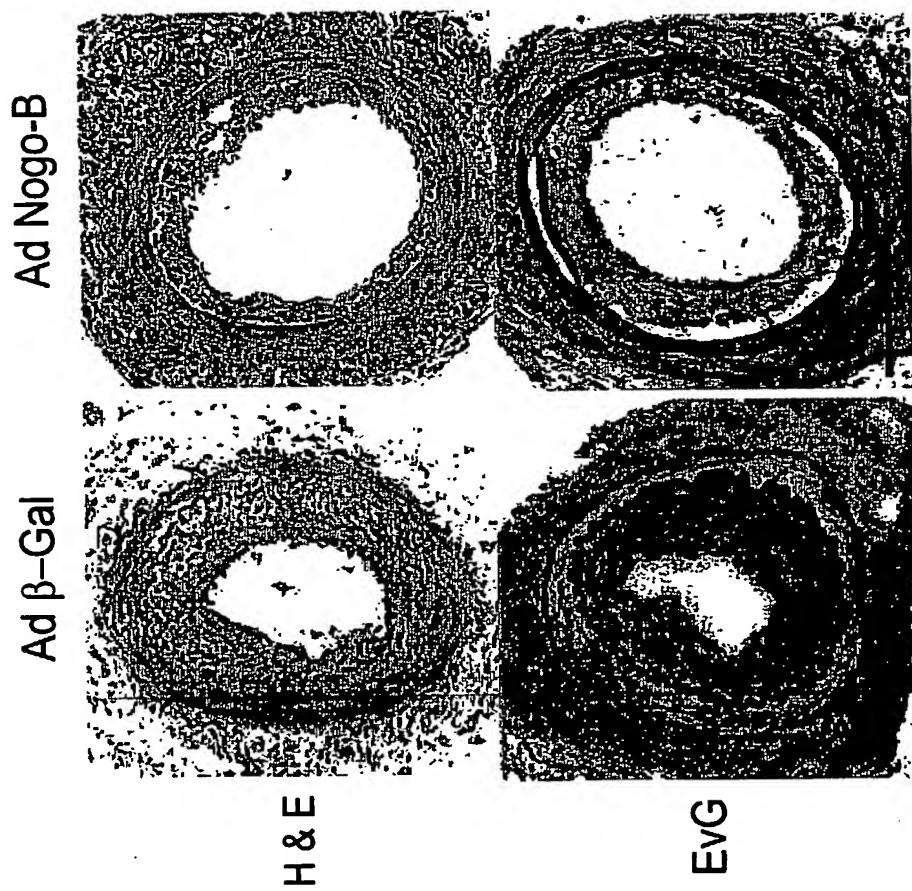
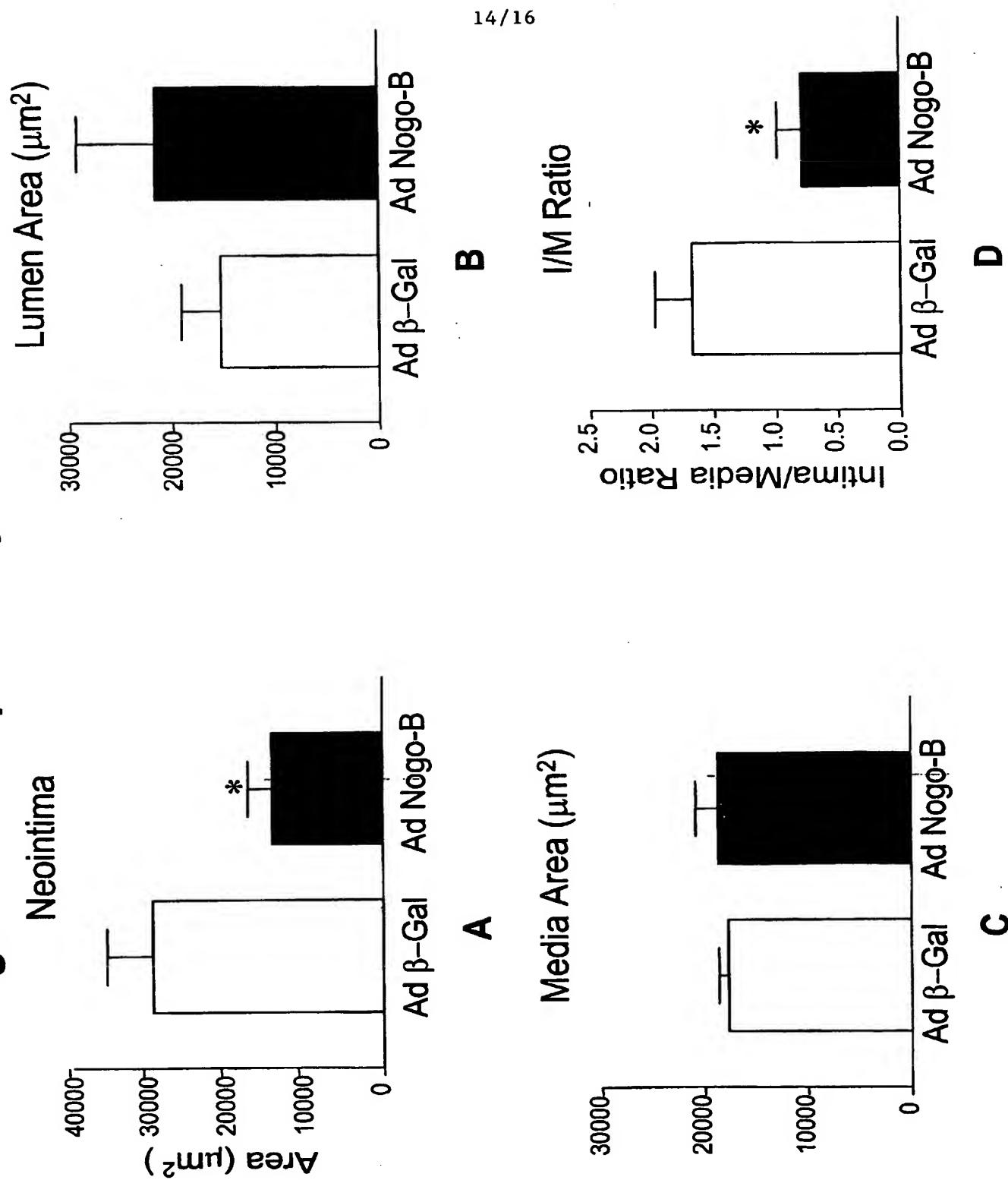
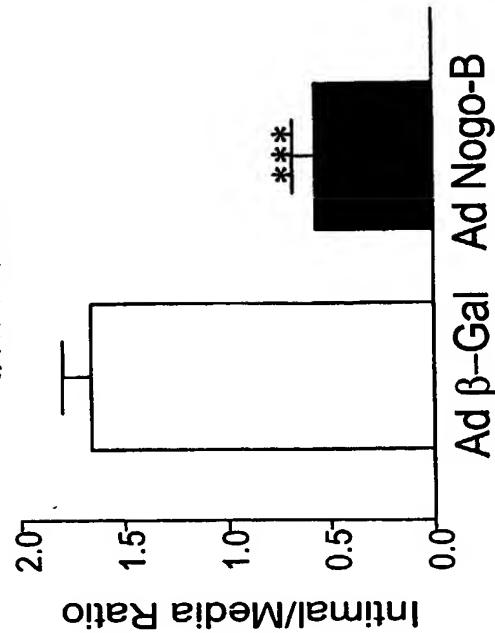


Figure 13

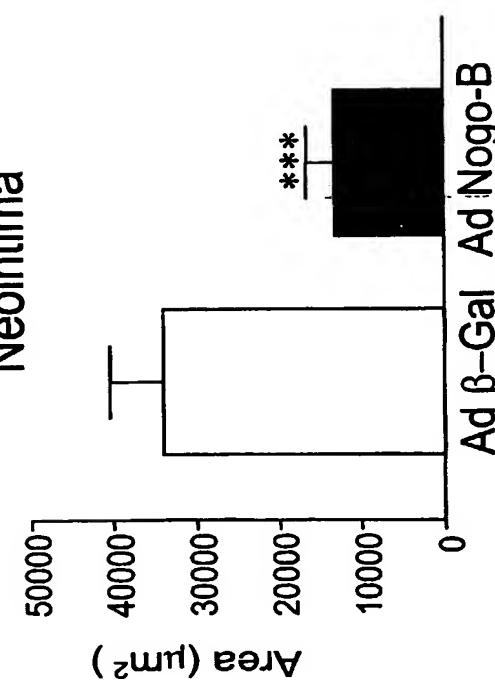
Figure 14: Morphometry measurements

Ad-Nogo-B-HA rescues abnormal neointima formation

I/M Ratio

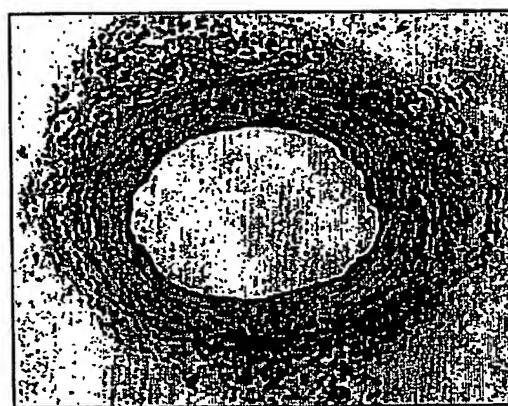


Neointima



15/16

B↑



A↑



Ad Nogo-B-HA
Ad β-Gal

Figure 15

Hindlimb Ischemia in Nogo-A/B (-/-) Knockout Mice

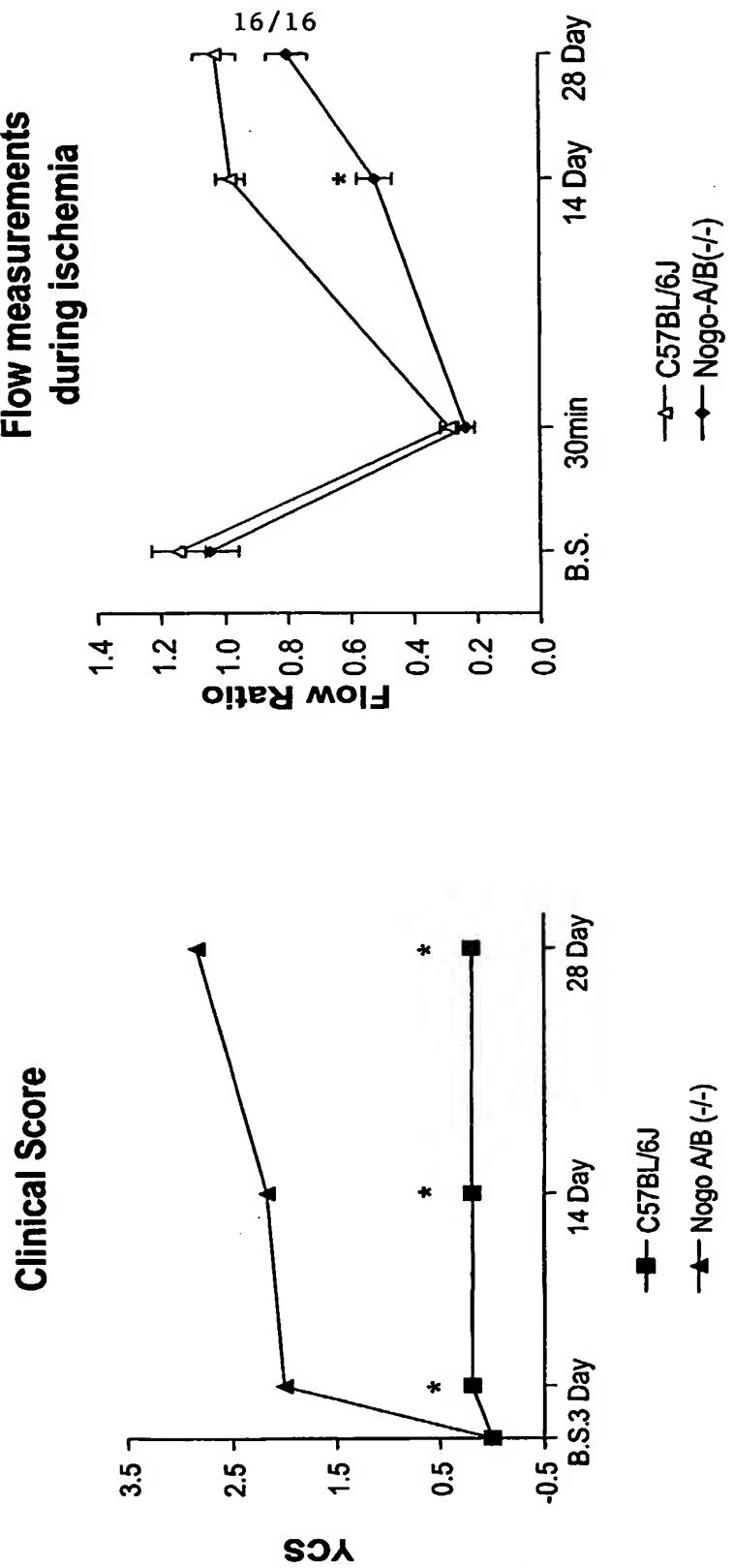


Figure 16